

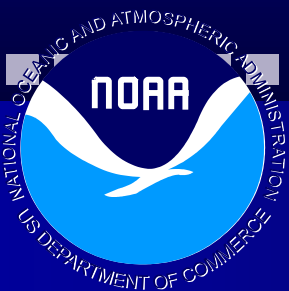
NWA ANNUAL MEETING

***Your National Weather Service
Local Office Saves Lives***

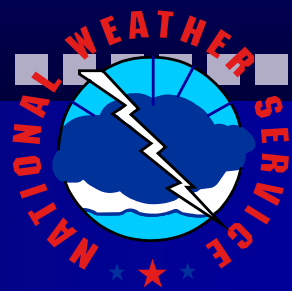
Bill Proenza
Regional Director
National Weather Service
Southern Region

Overview

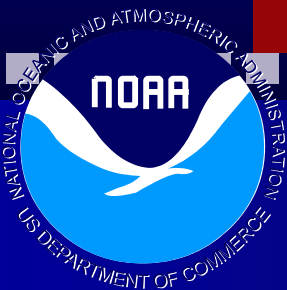
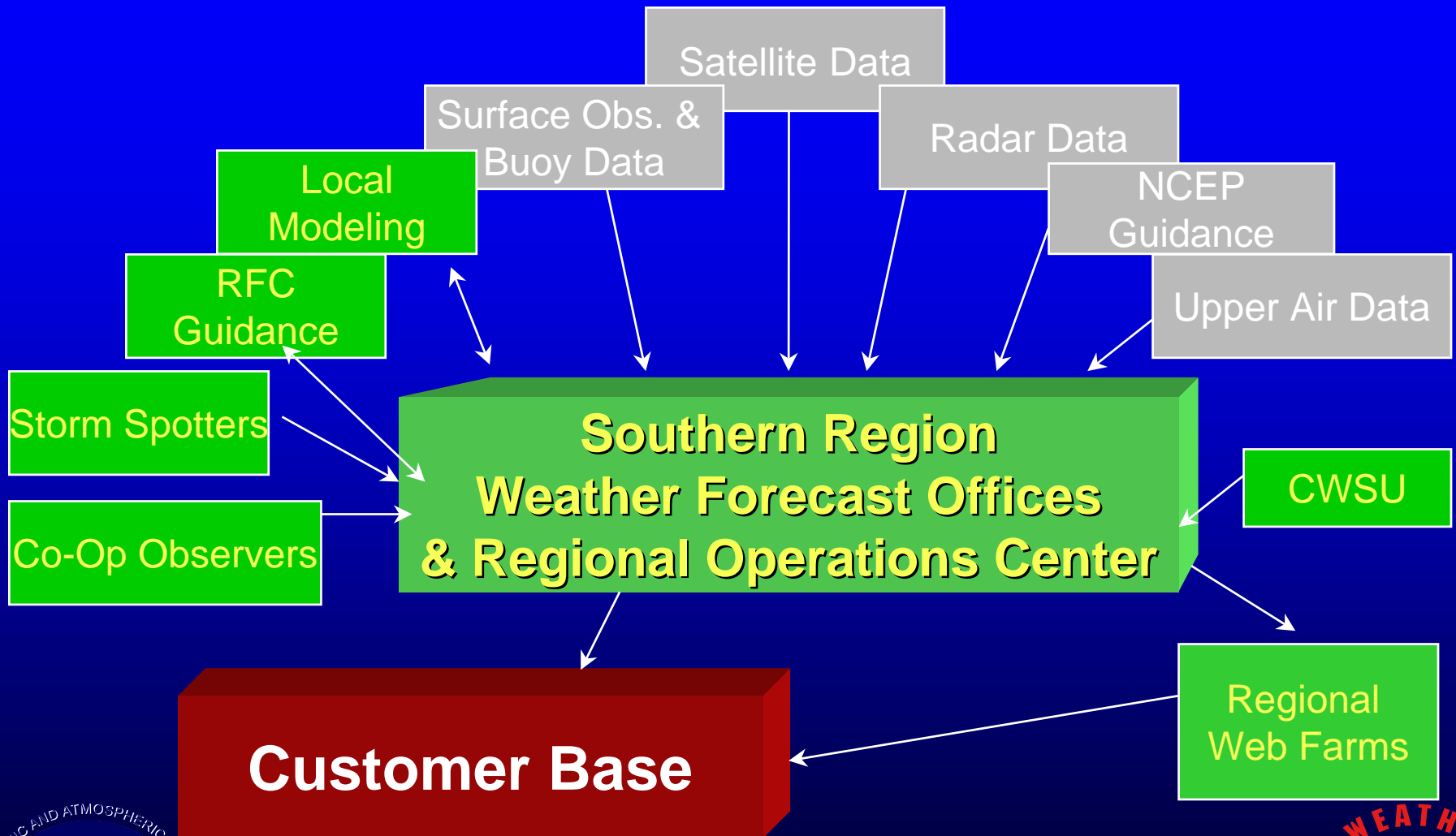
- NWS Network of 122 Local Weather Forecast Offices
- Vital Performance From Your Local Area National Weather Service Forecast Office
- Information Available on the NWS Website
- The Future of the NWS



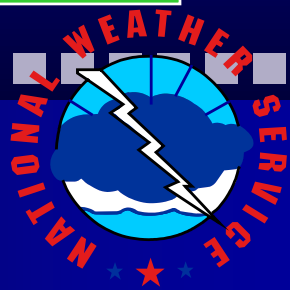
NWS SOUTHERN REGION
www.srh.weather.gov



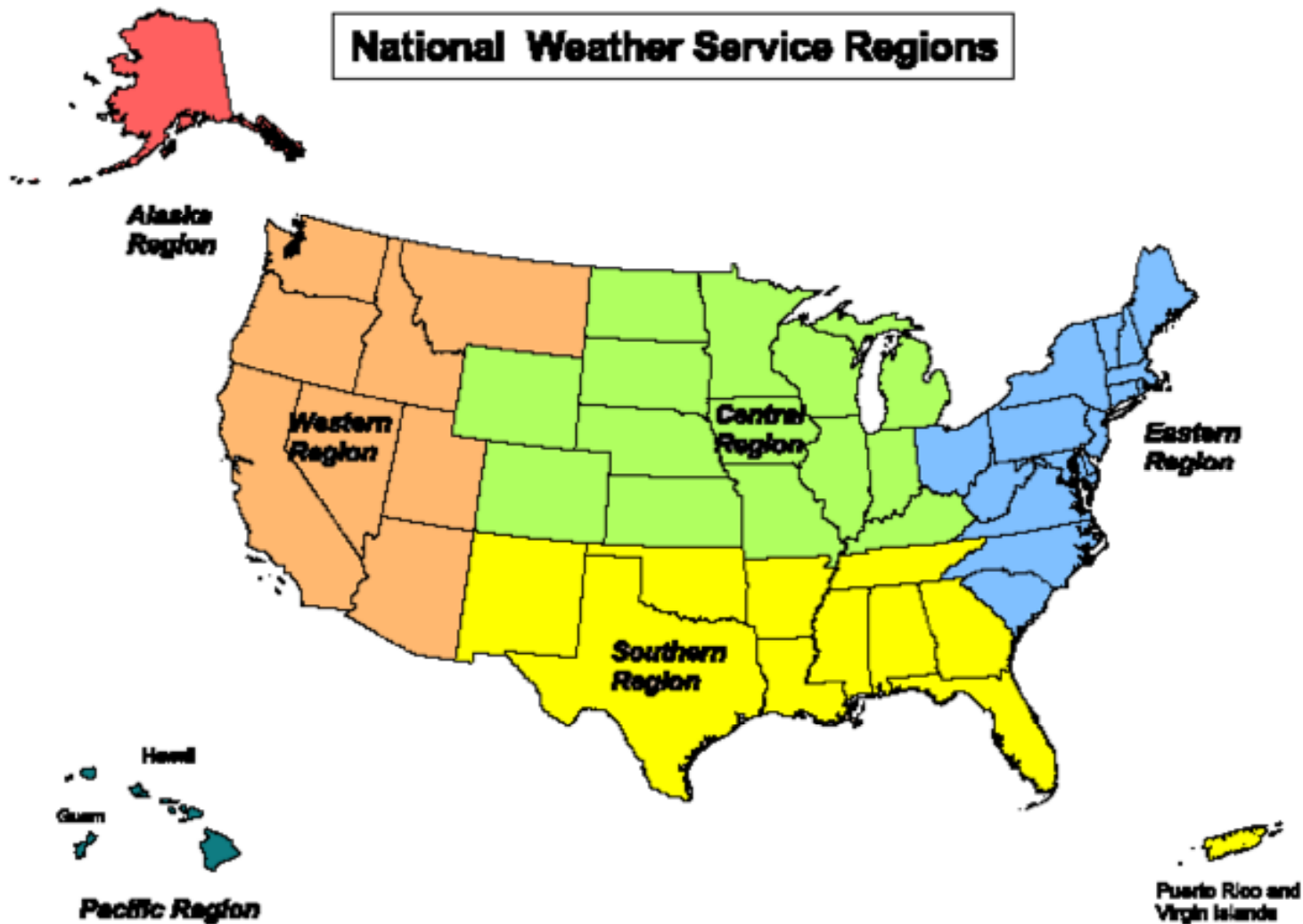
NWS Information Flow



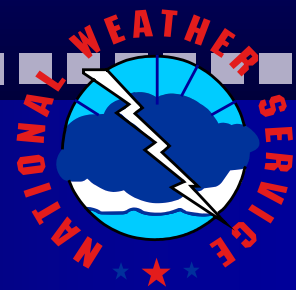
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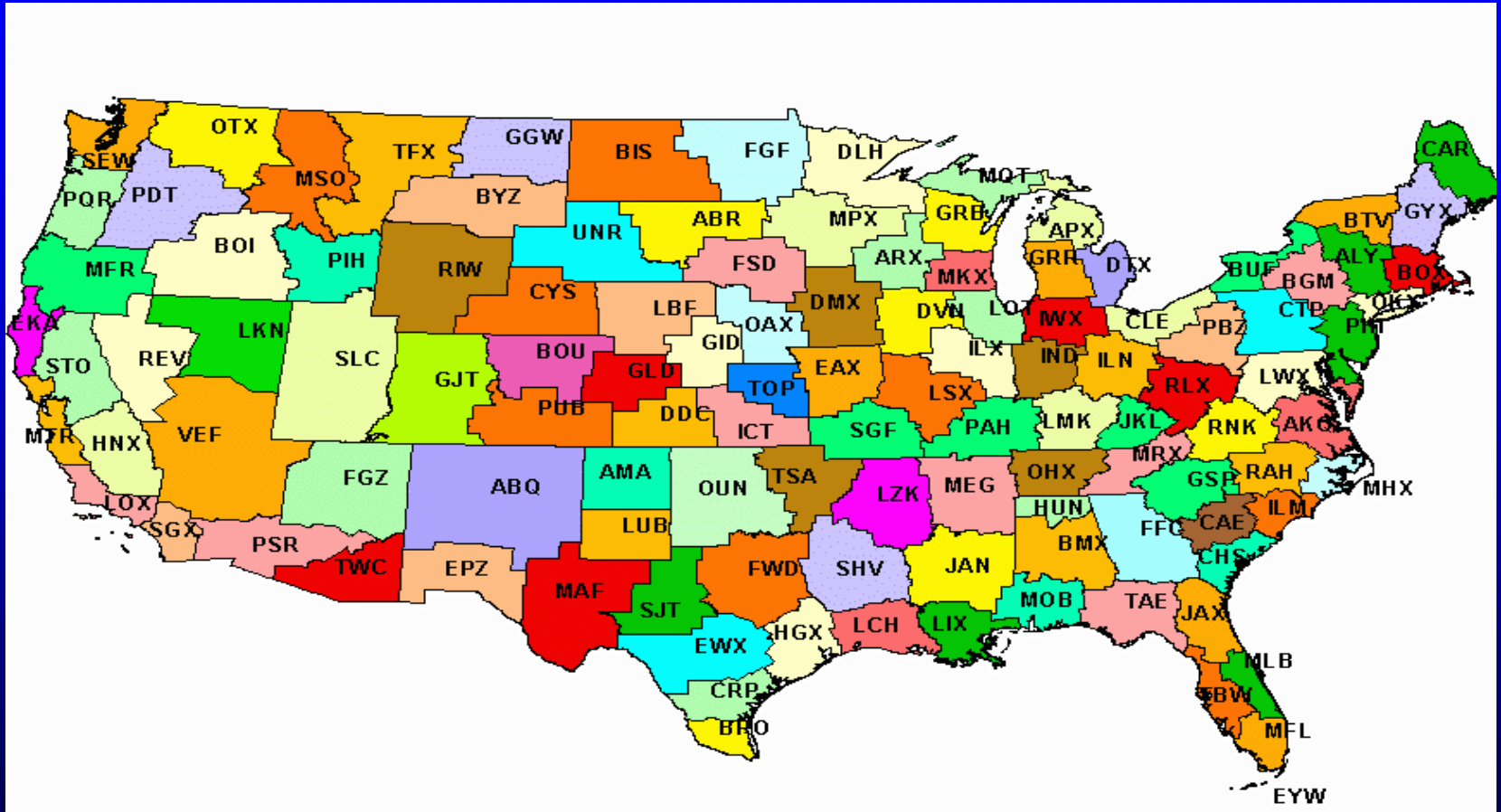
National Weather Service Regions



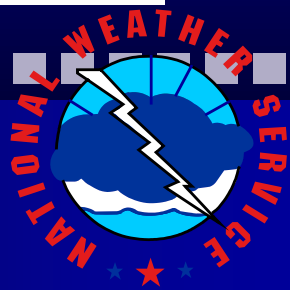
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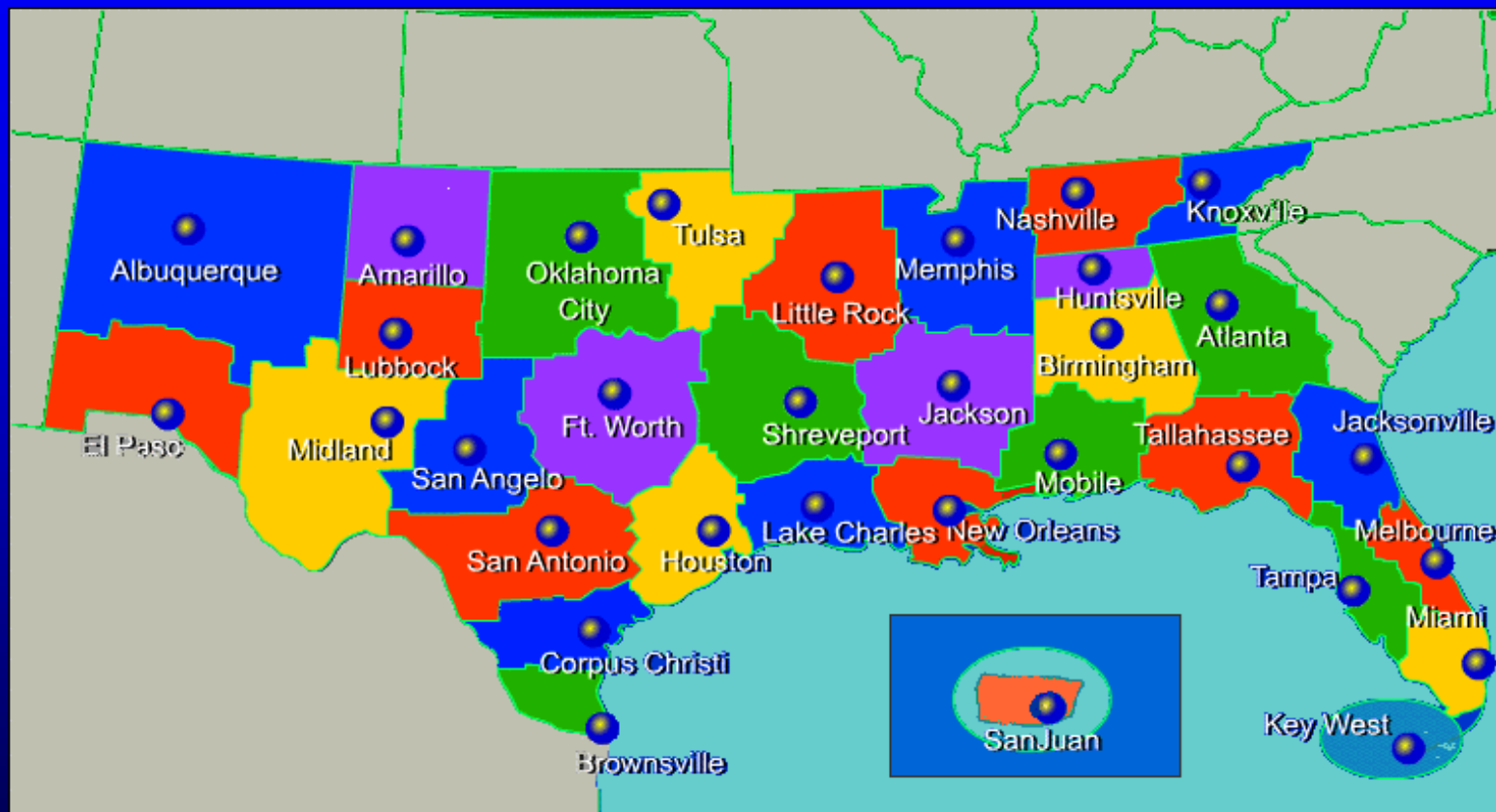
NWS Field Offices



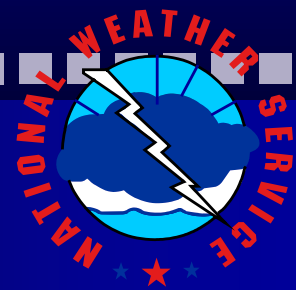
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Southern Region Offices

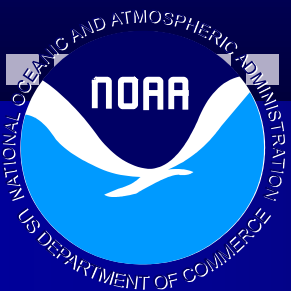


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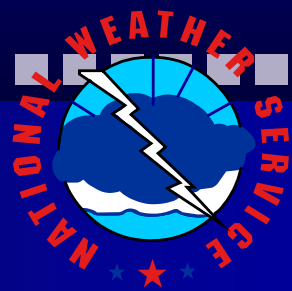


All Weather is Local

- **Vast Majority of Partner/Customers are Local**
 - Local Emergency Managers and Government Officials
 - Local Media
 - General Public



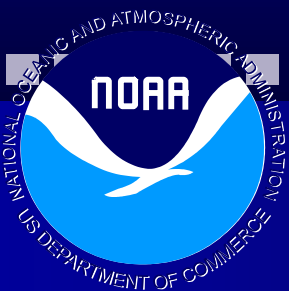
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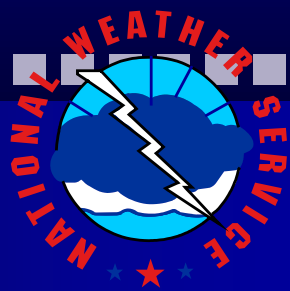
Local WFO Operations

- Delivers the major part of the NWS mission
- Issue all weather warnings, watches and advisories for their local area
- 122 offices in U.S.A.
- Station comprised of 20 to 25 staff members

The best weather expertise for your local area



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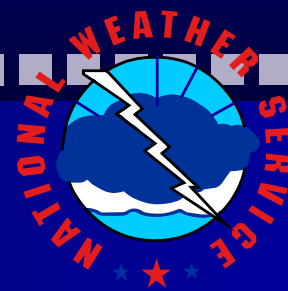
Benefits of Your Local WFO

Local Area Expertise For:

- More Accurate Forecasts and Warnings
- Outreach
 - Public awareness supports our mission delivery
- Greater Service to Public and Partners
- Better Climate Services
- Homeland Security – Provide mesoscale support during incidents



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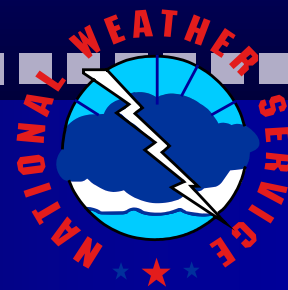
Regional Operations Center

- Shifts regional resources to events
- Conducts briefings with NWS offices and EM community
- Source for NWS interviews when WFOs are active

817-978-1100 Ext 147



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WFOs Improve Lead Time

May 2003 Outbreak

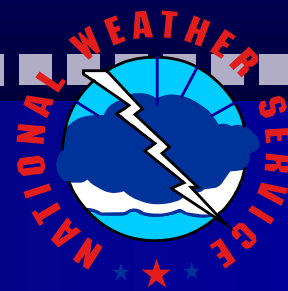
- Unprecedented in size and time
- 393 Tornadoes
- 39 Fatalities
- **19 Min Lead Time**

April 1974 Super Outbreak

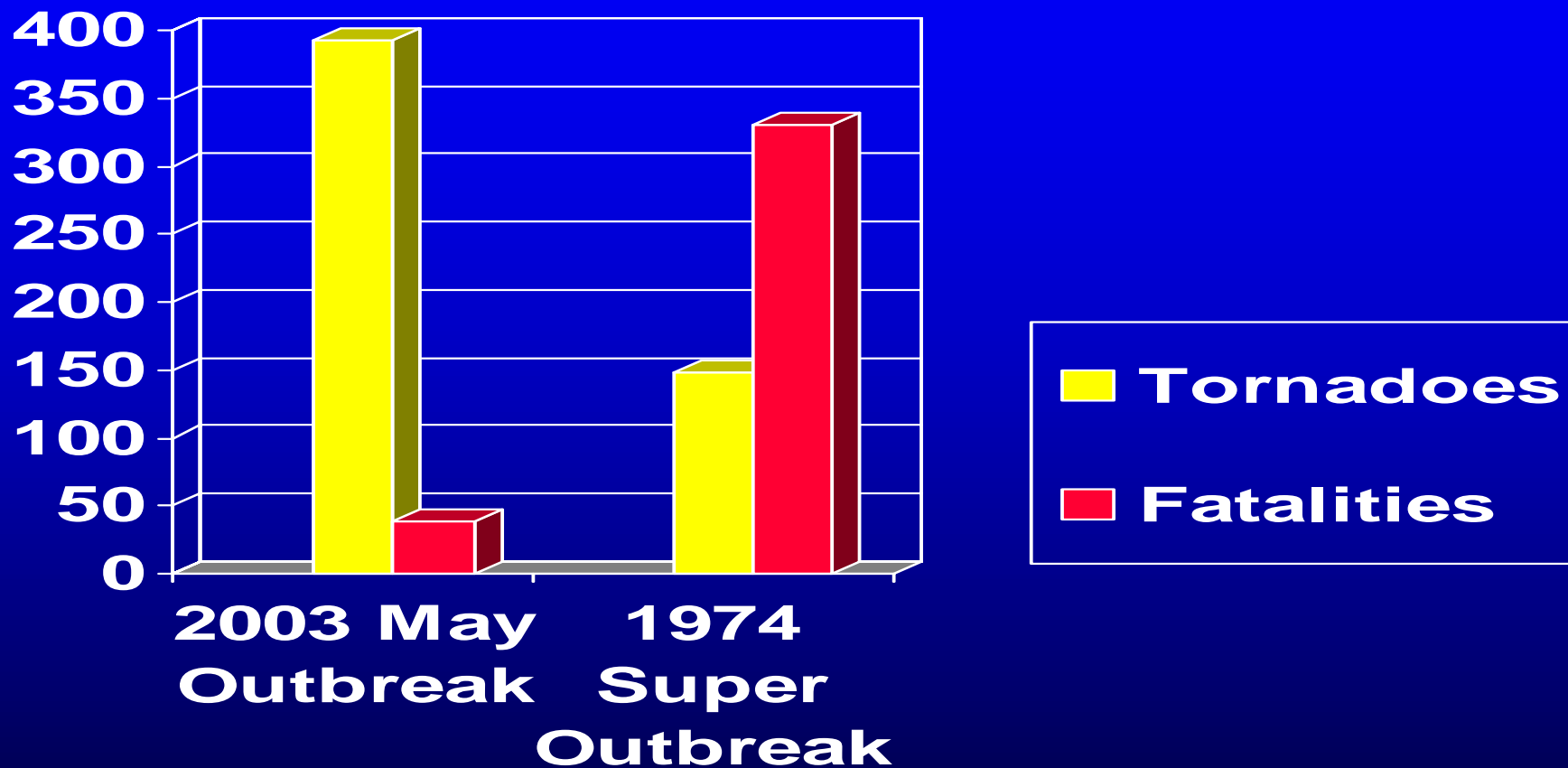
- Single largest tornado outbreak
- 148 Tornadoes
- 330 Fatalities
- 1-5 Min Lead Time



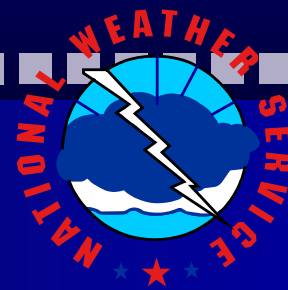
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WFO Performance Saves Lives

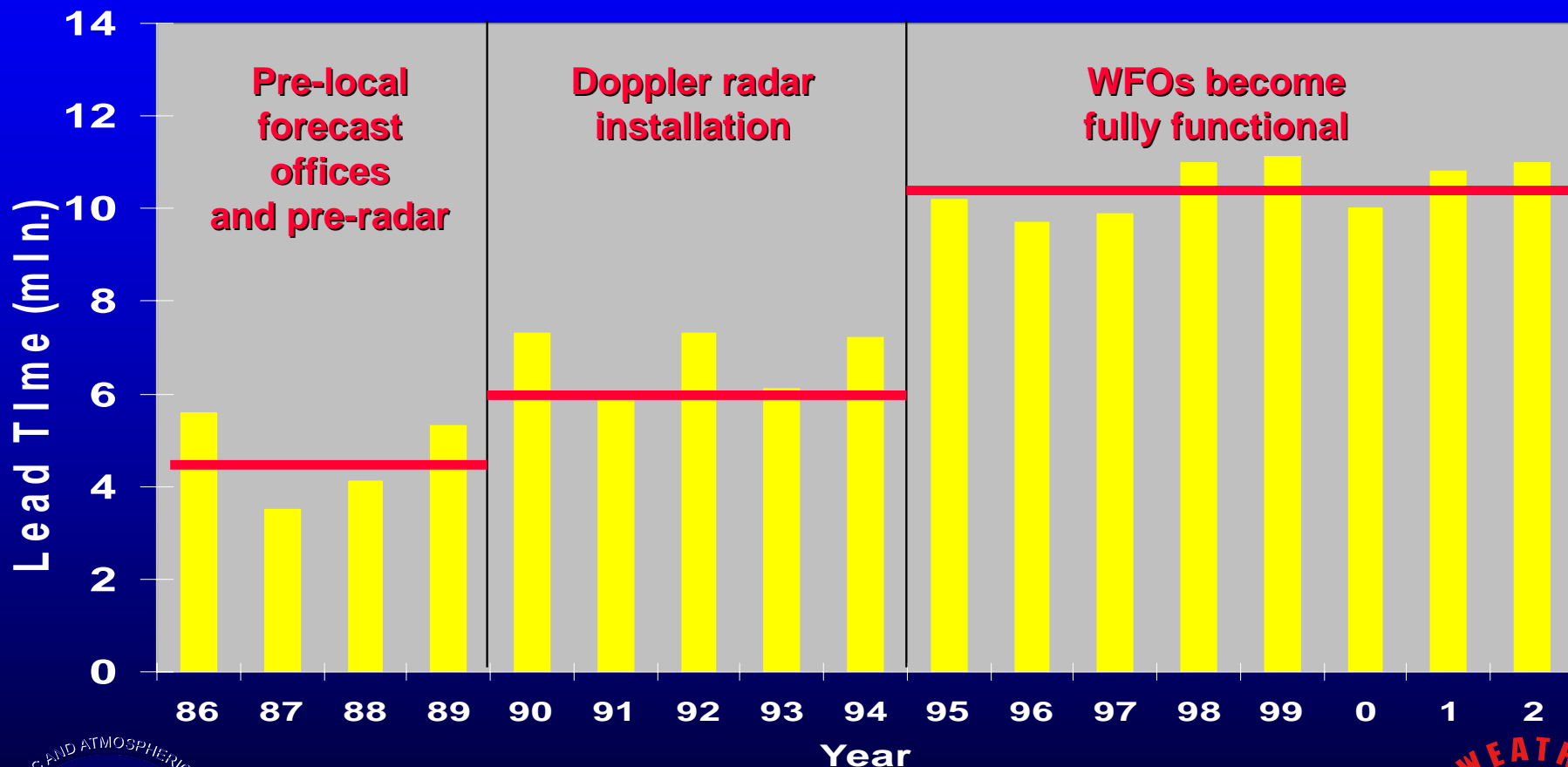


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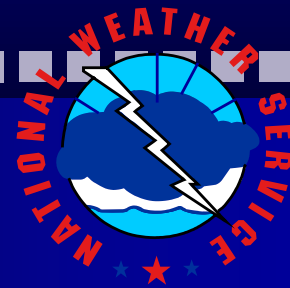


Local NWS Field Office Performance Saves Lives

Tornado Warning Lead Time



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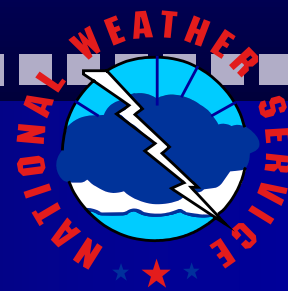
The Future of the NWS

“Forecast improvement will be through mesoscale (*local scale*) decision making.”

- With use of local models and expertise, we will be able to meet increasing public and private partner needs for accuracy
- Warning Decision Support System 2 (3-5 Yrs)
- Phased Array Radar (long term)



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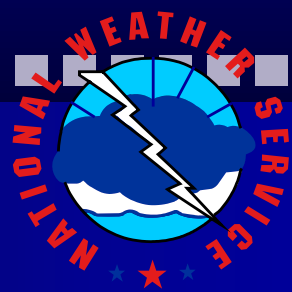
NWS SR Internet Site

www.srh.weather.gov

- Serves as a one-stop source of weather information.
- Developed with the both - partners and general users - in mind
 - Easy navigation
 - Data given in the manner *you* need it.
- Increases public visibility of NWS mission and services



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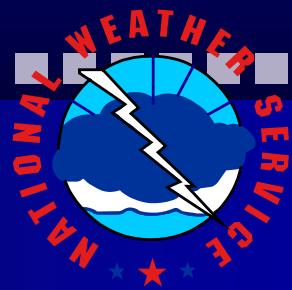


NWS SR Internet Site

- Forecasts obtained by either postal zip code, city/state search, or by point and click maps
- Weather Information in clear, concise format
- Emphasizes local weather expertise



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NWS Internet Forecasts

Quick Forecast
Information

Current Weather
Conditions

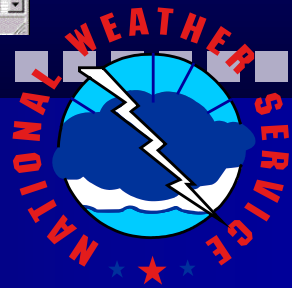
Latest Weather Advisories →

Quick Forecast Text

Radar and Satellite

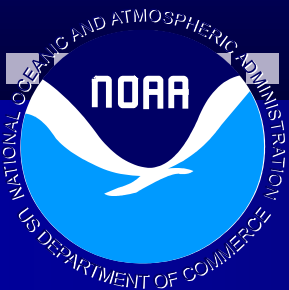
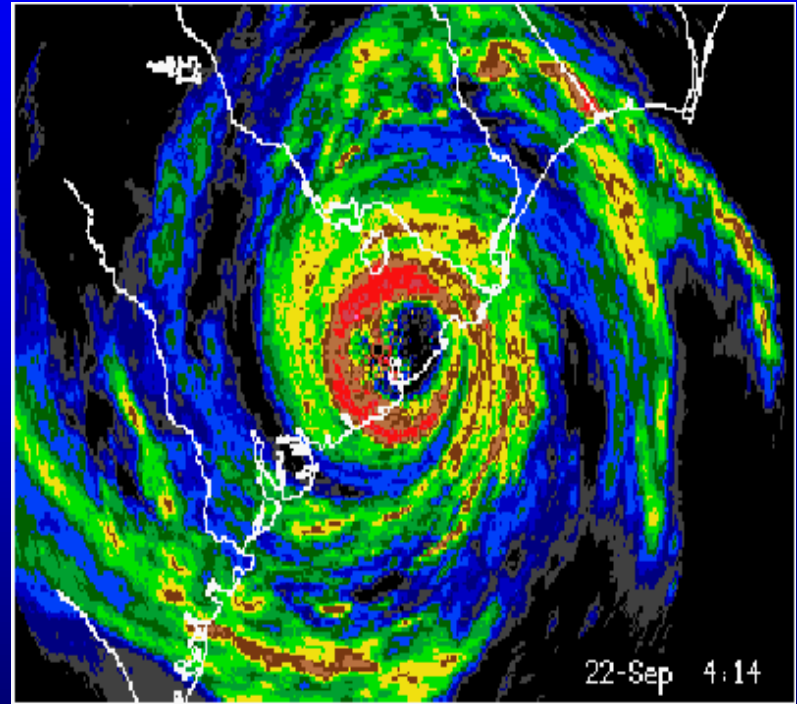


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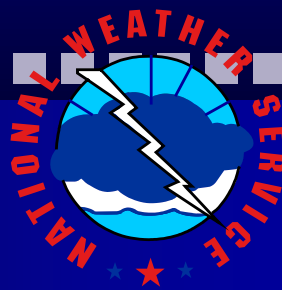


Radar Images

- Available as a time loop for all Weather Service Radars in the U.S.
- Provides real time storm development, movement, and precipitation information



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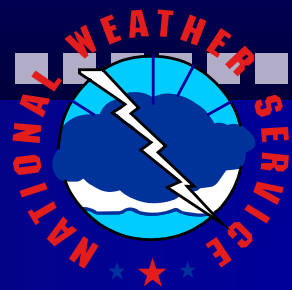


NWS Digital Forecasts

- Forecasting for the 21st Century
- Weather Information on a 1.6 mile grid
 - (GIS)
- Forecast out to 7 days
- Maximizes Local Expertise



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Turn Around Don't Drown™

- Flood and Flash Flood Safety Campaign
- Over 30 partners representing local, regional, and national organizations
- Launched in May 2003 by NWS Southern Region for the Nation

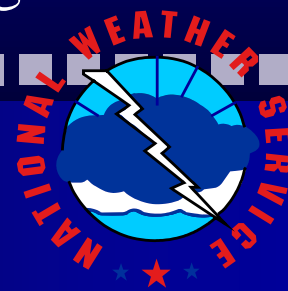


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Project Jetstream

- Designed to help anyone interested in learning about weather
- Touches on different areas of weather, from thunderstorms to tropical weather

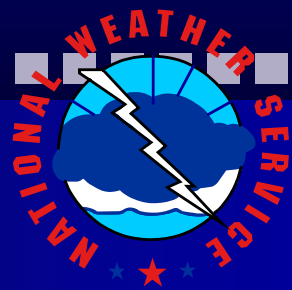
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Click on the Jetstream logo



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National Weather Service

**“...government closest to the people,
governs best.”**

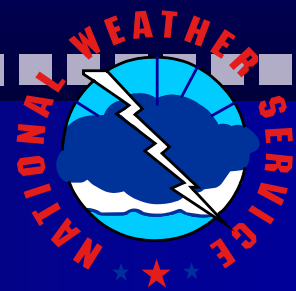
- President George W. Bush

Applied to the NWS:

**Government closest to the people,
serves best**



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Questions?

Bill.Proenza@noaa.gov

(817) 978-1000

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www.srh.weather.gov

At Left Margin Click on:

Welcome from the Director

At Left Margin Click on:

“NWA Annual Meeting”



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